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Figure 1

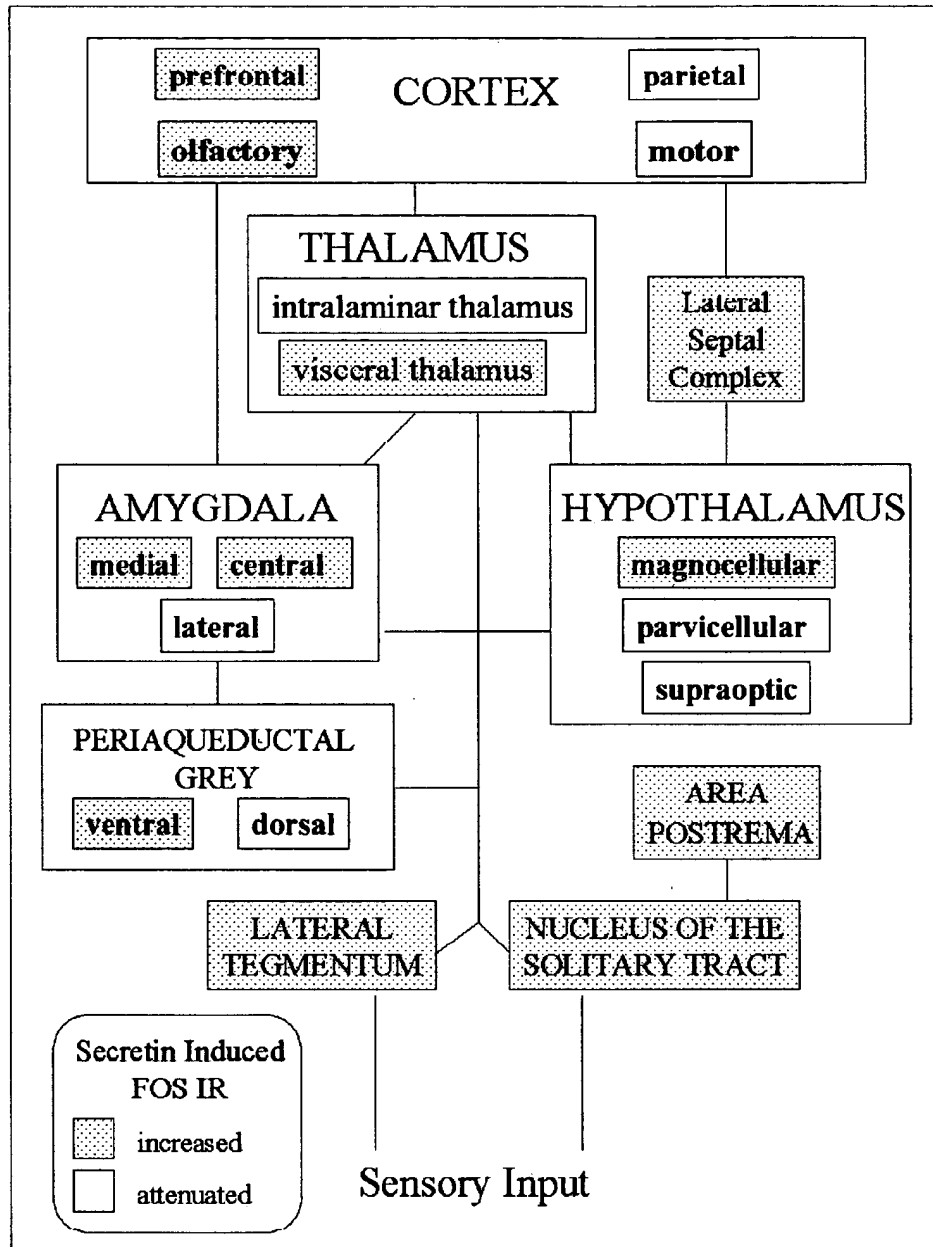


Figure 13

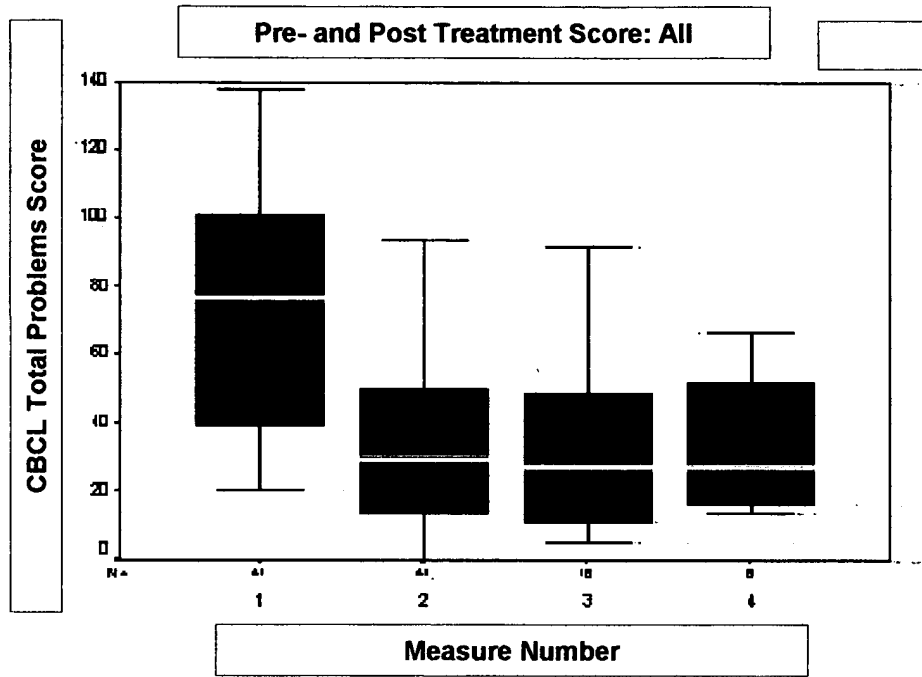


Figure 14

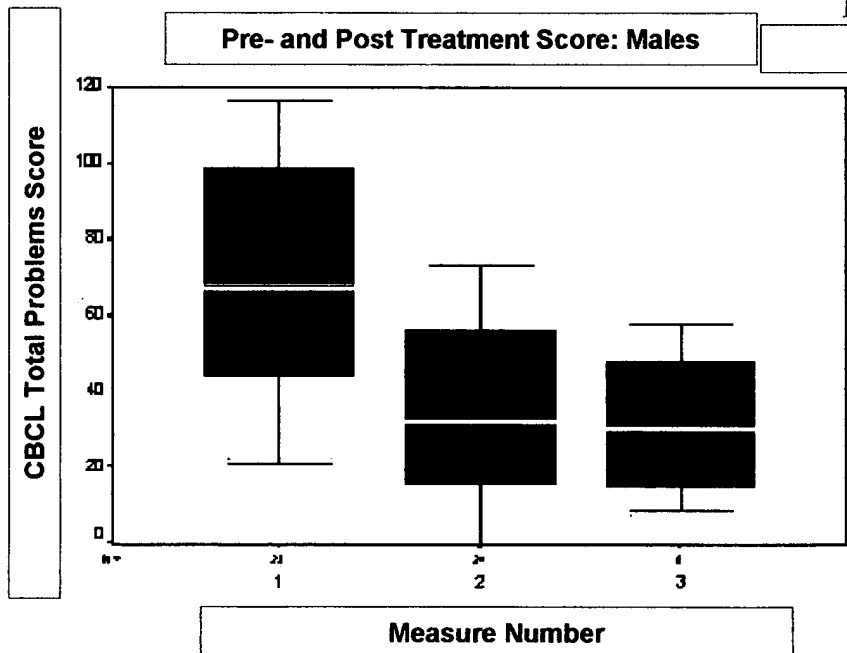


Figure 15

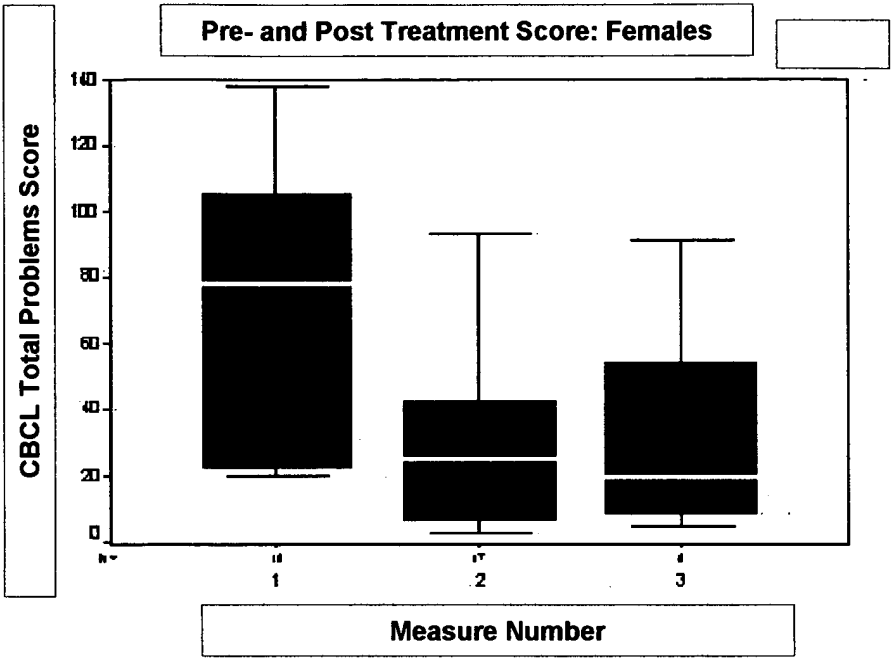


Figure 16

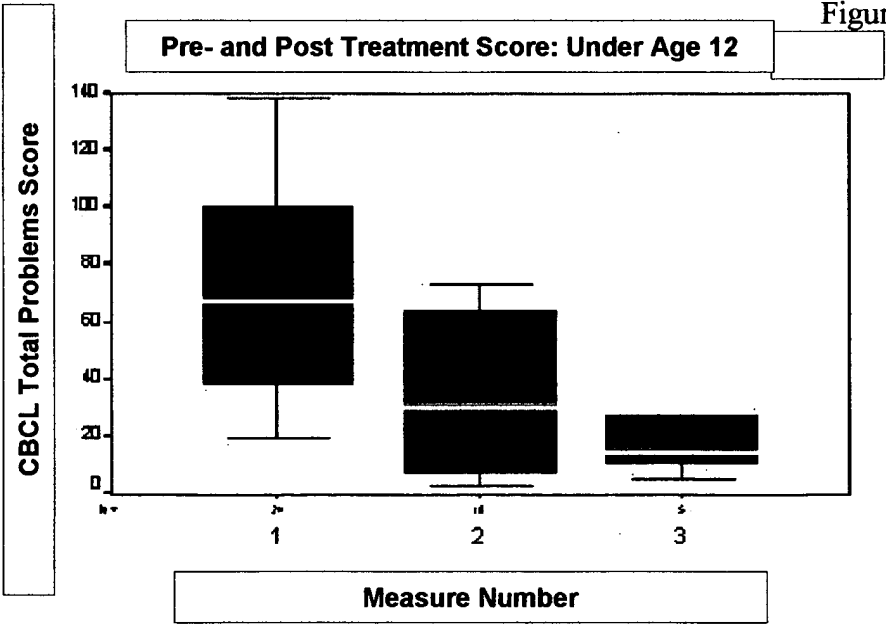


Figure 17

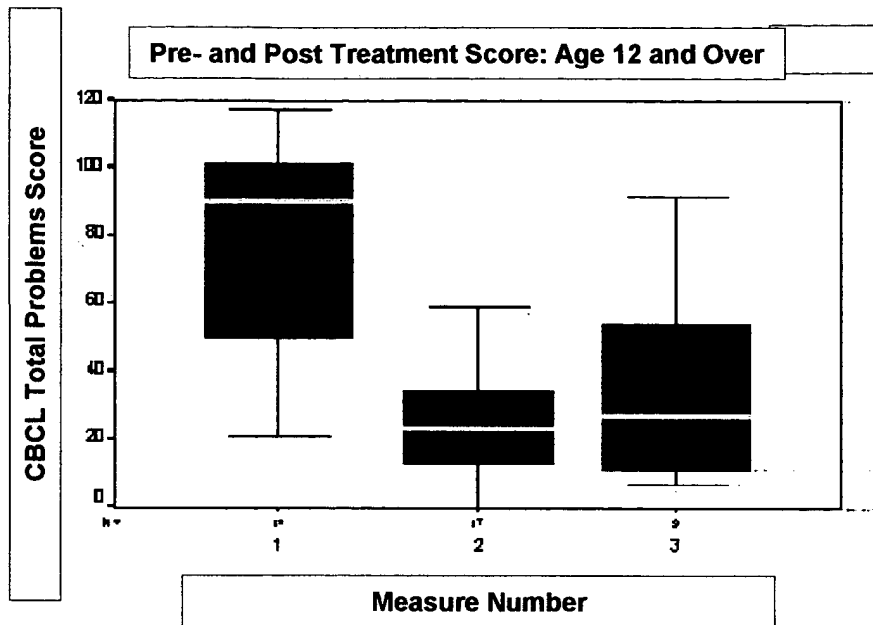


Figure 18

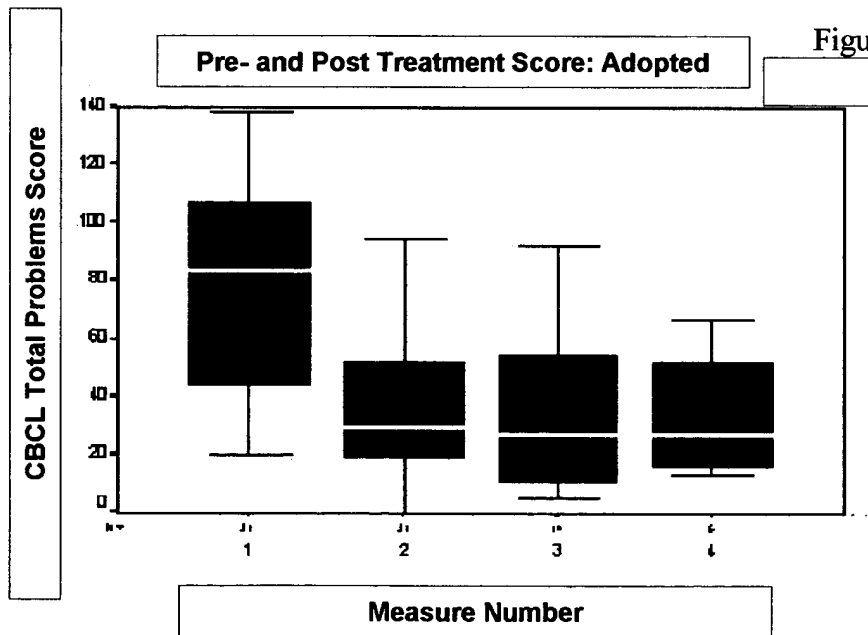


Figure 2

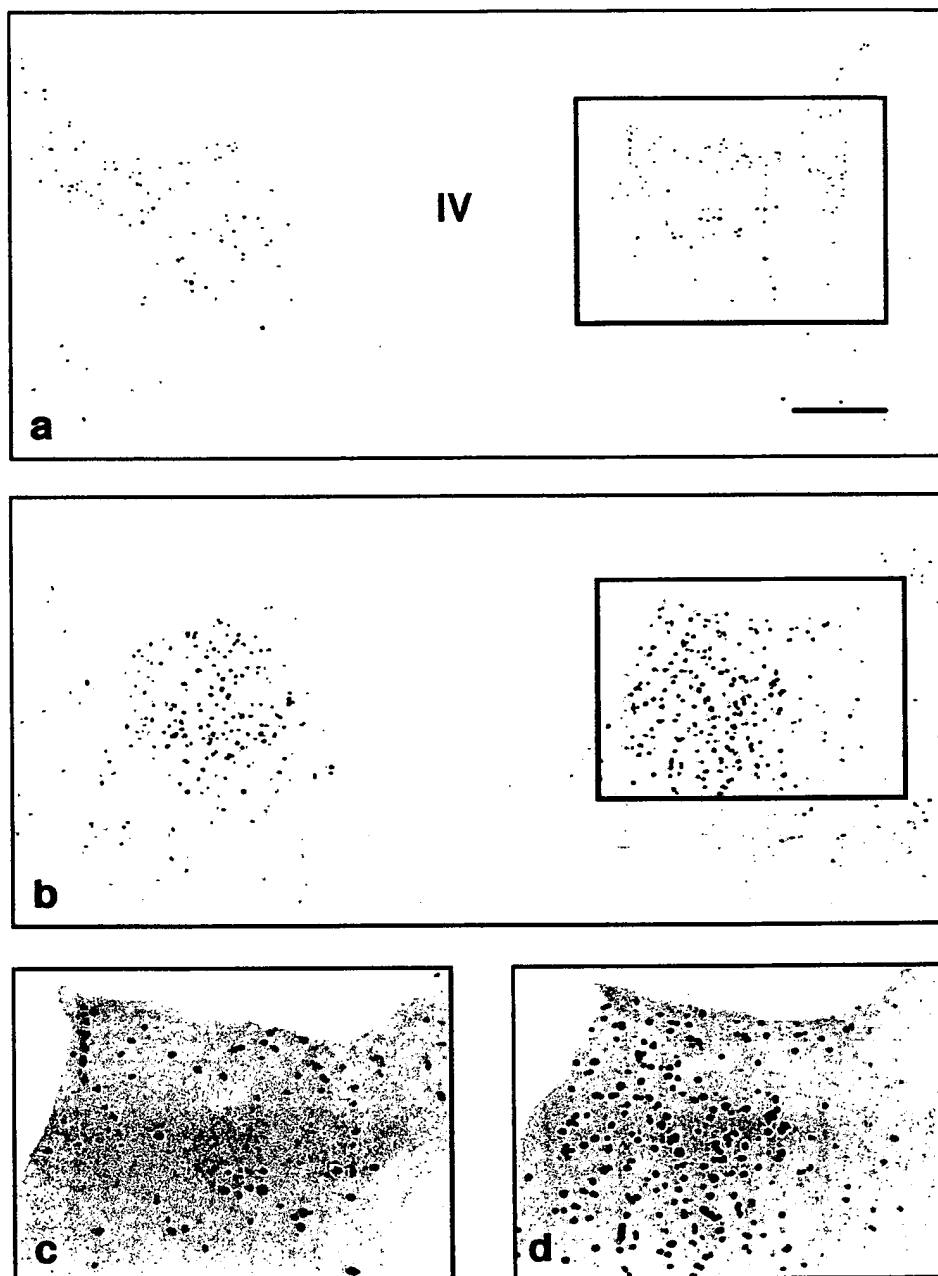


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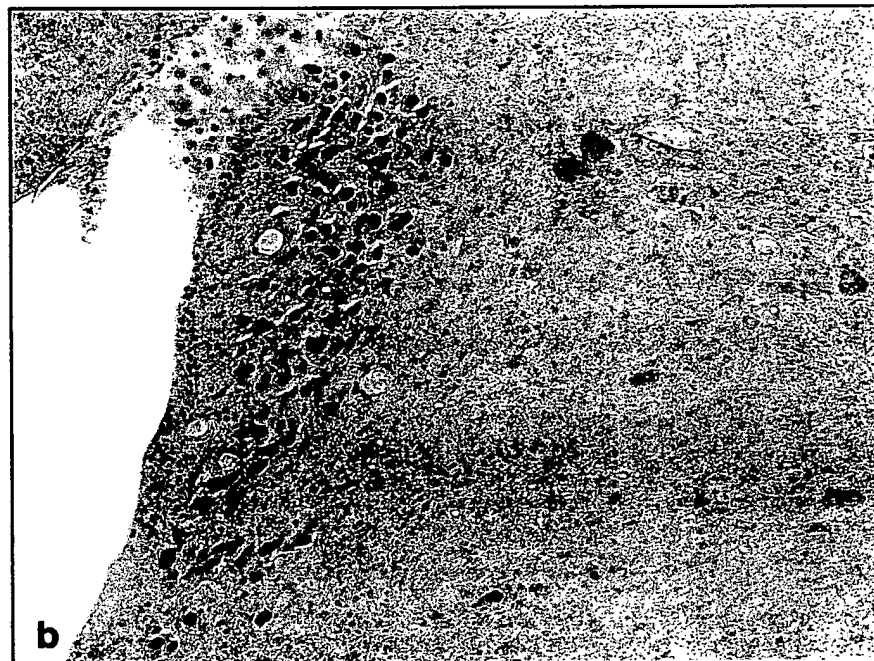
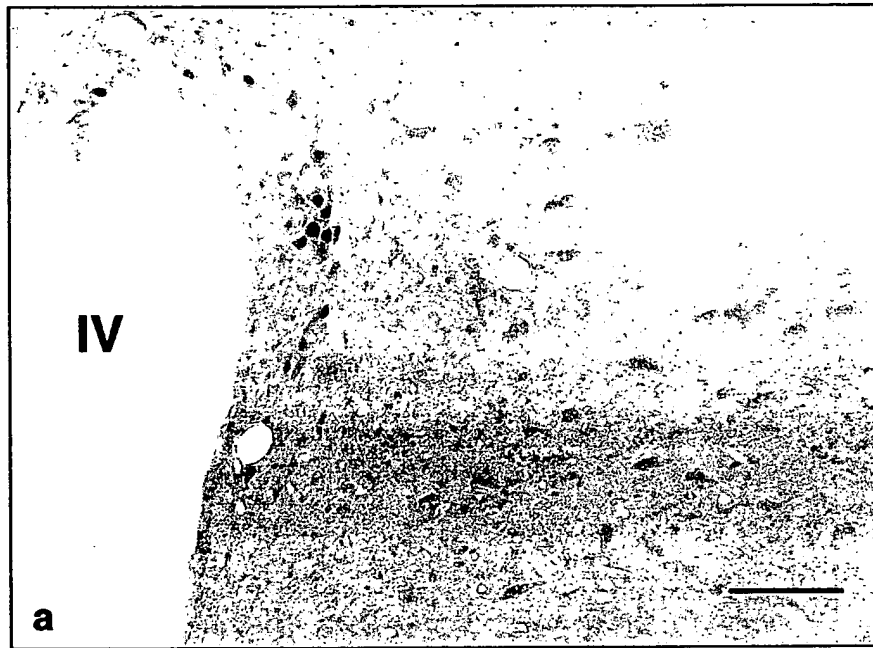


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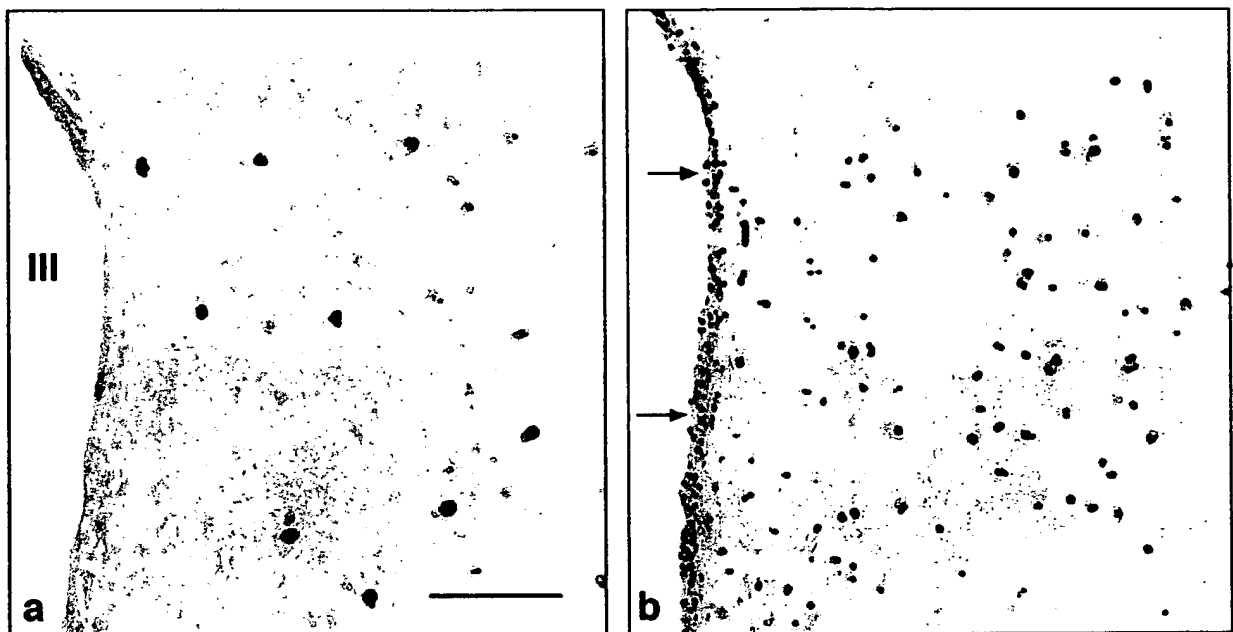


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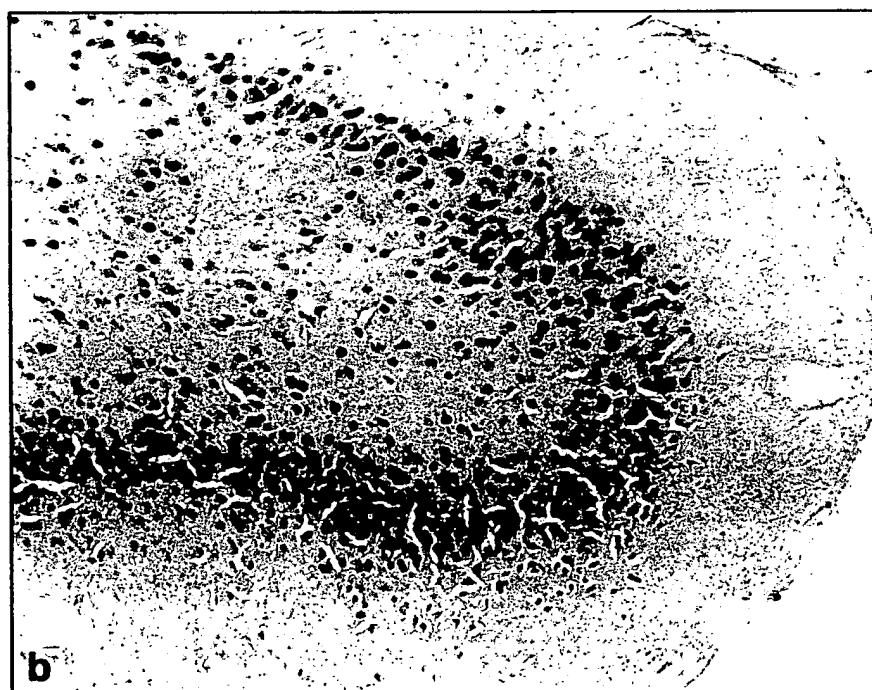
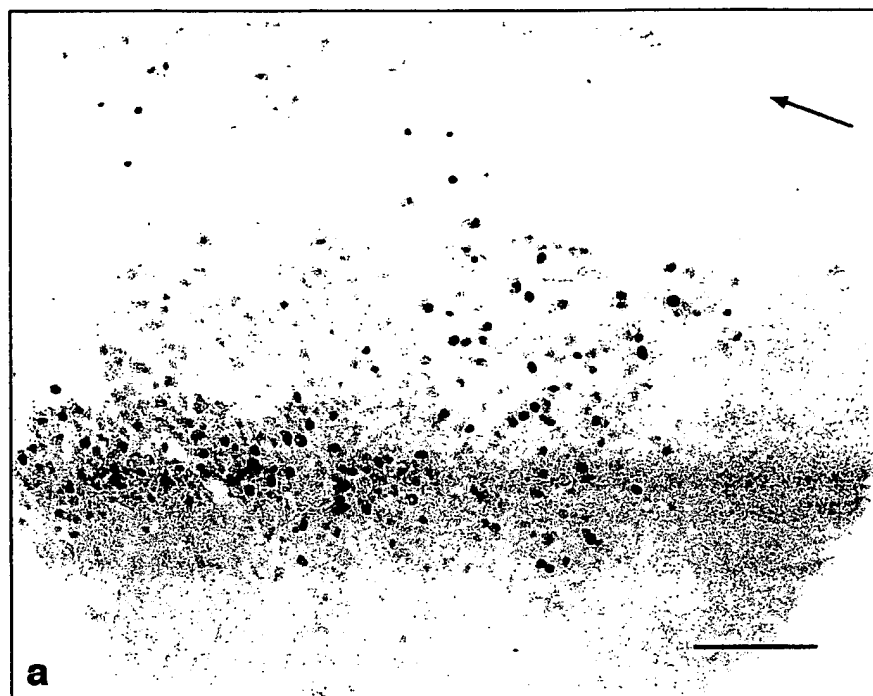


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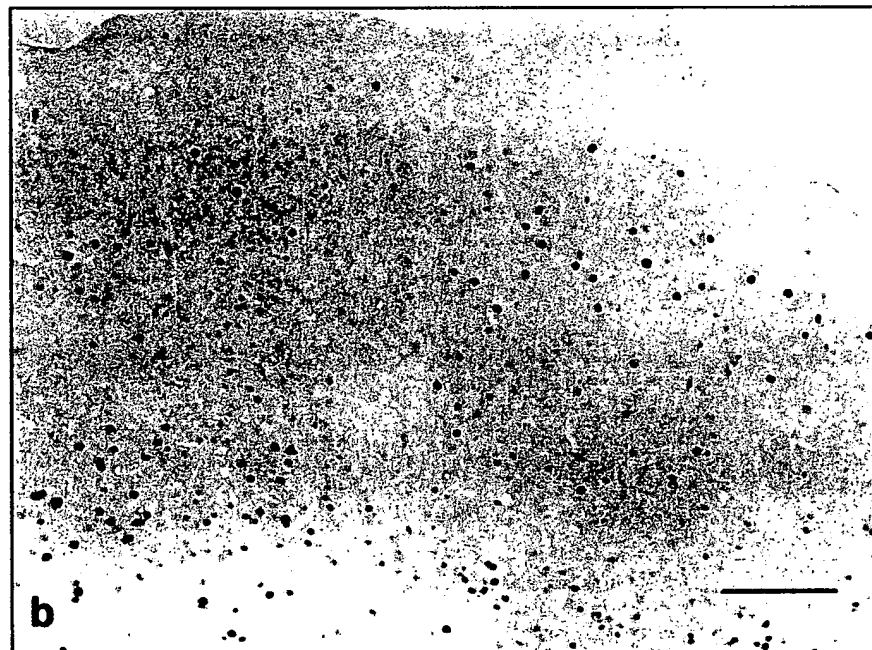
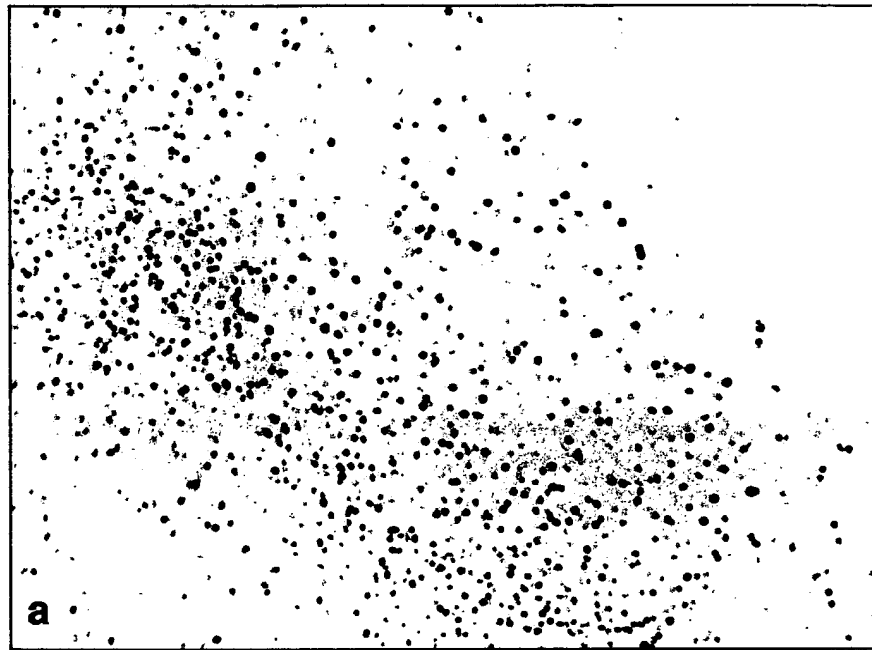


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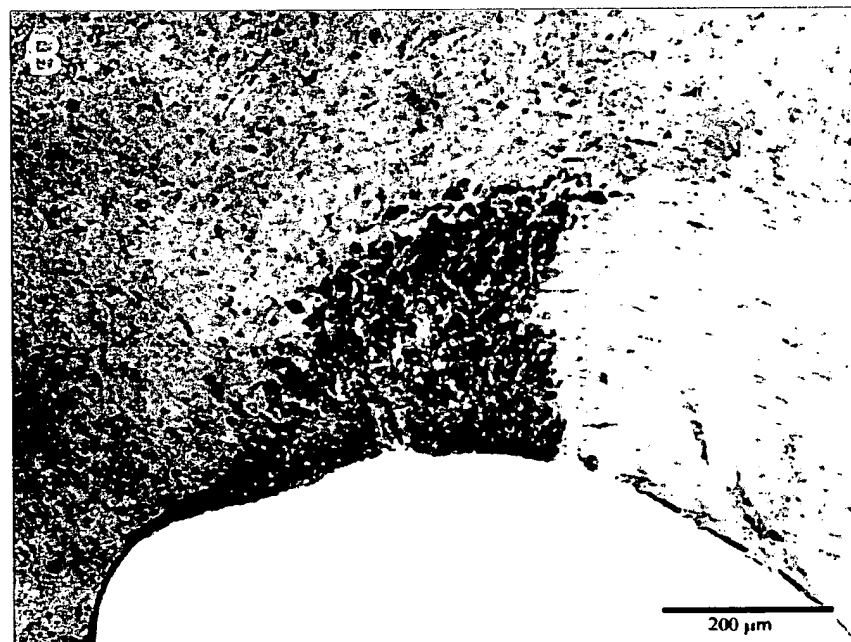
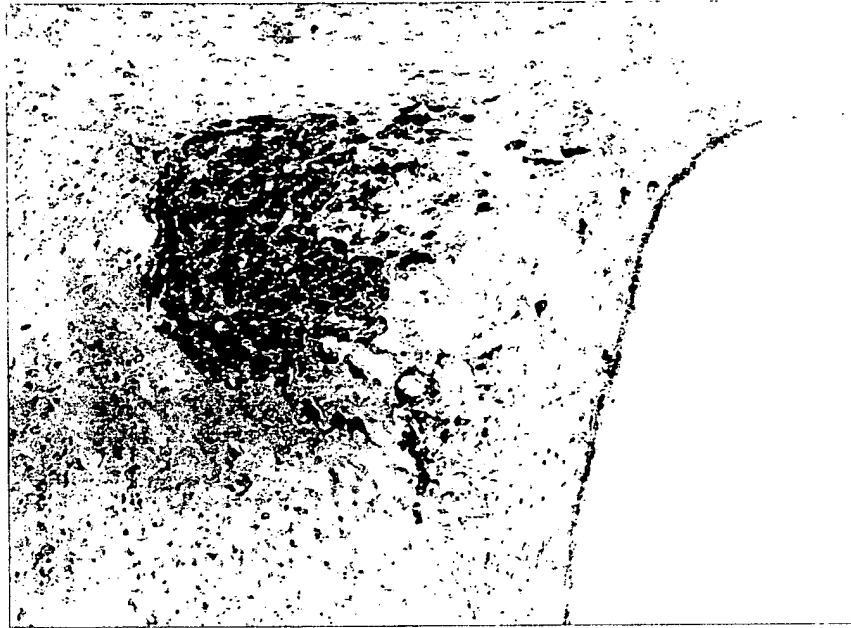


Figure 8

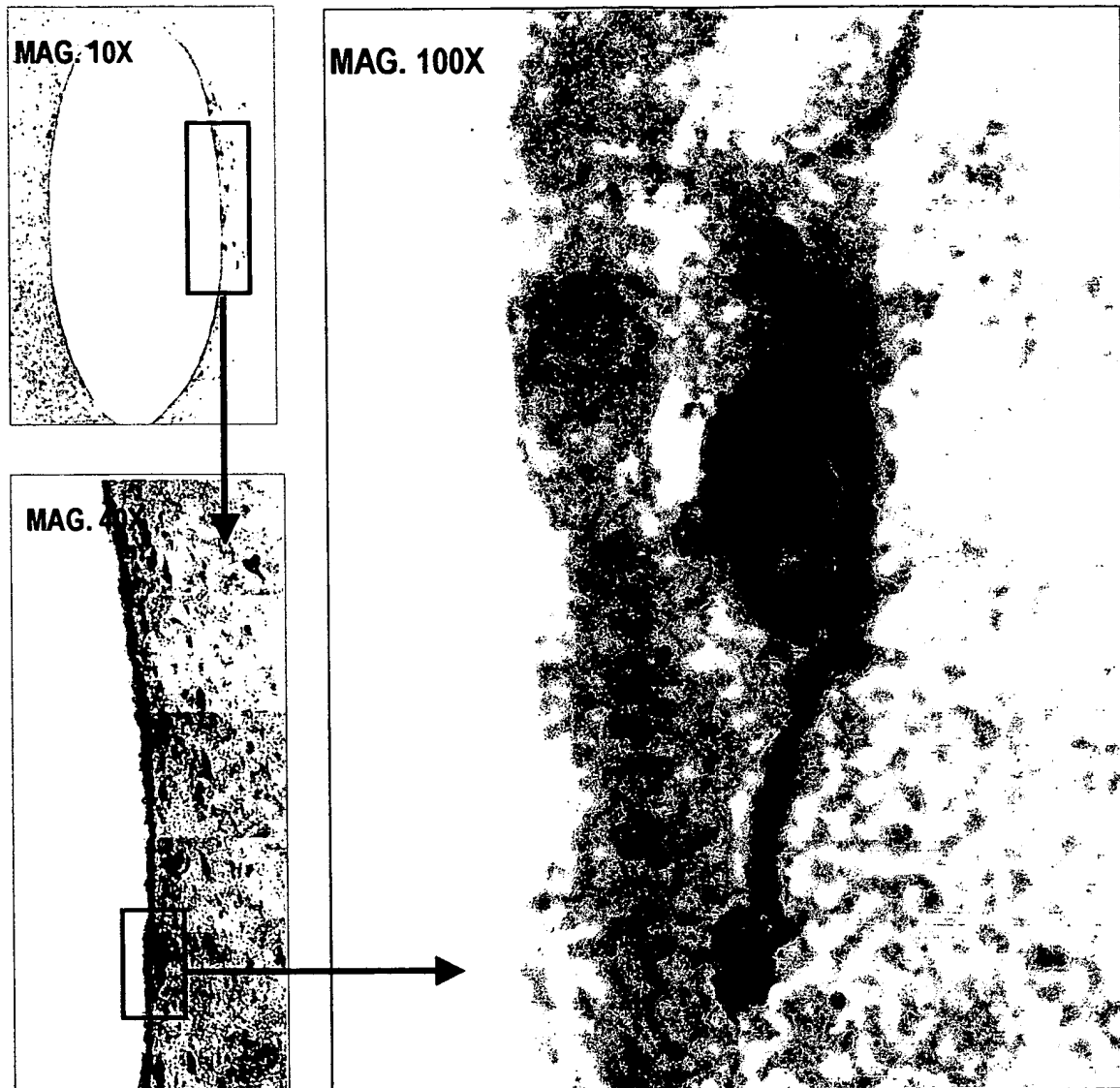
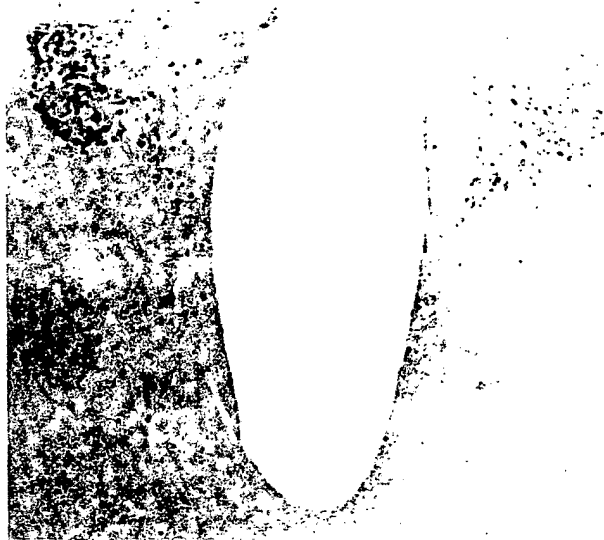


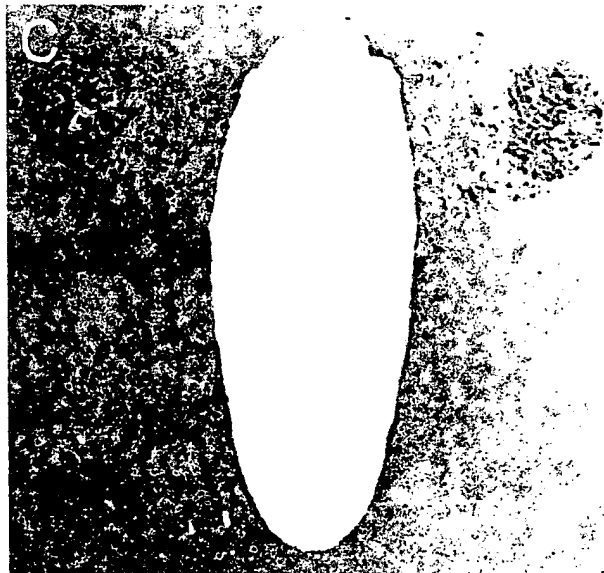
Figure 9



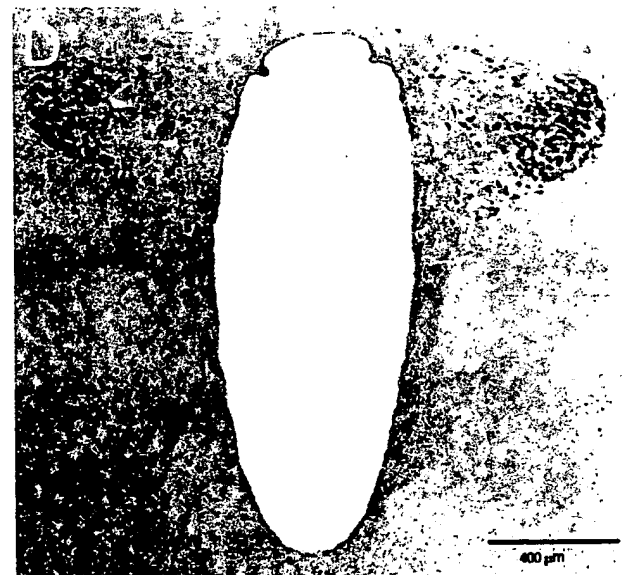
Secretin antibody



Secretin peptide/ antibody complex



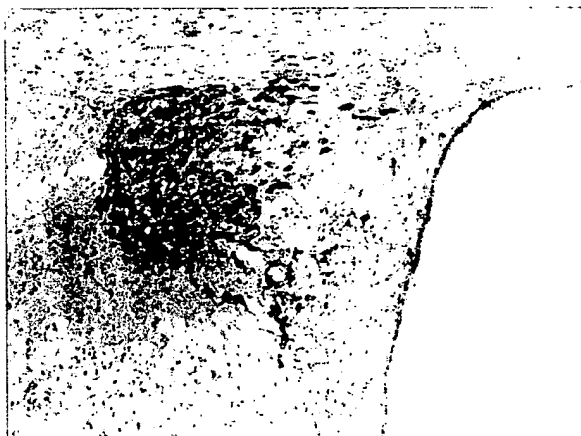
VIP



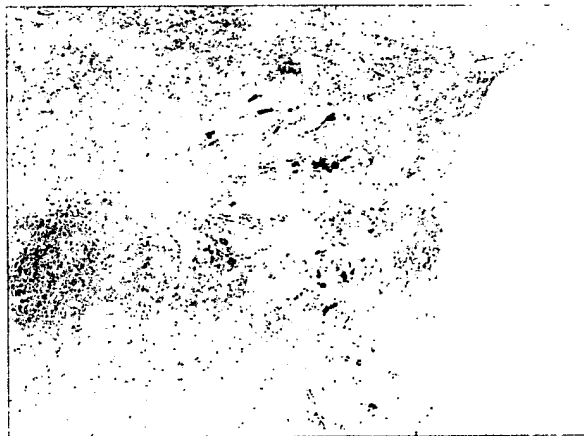
PACAP

400 μ m

Figure 10



Secretin



VIP



Glucagon



PACAP

Figure 11

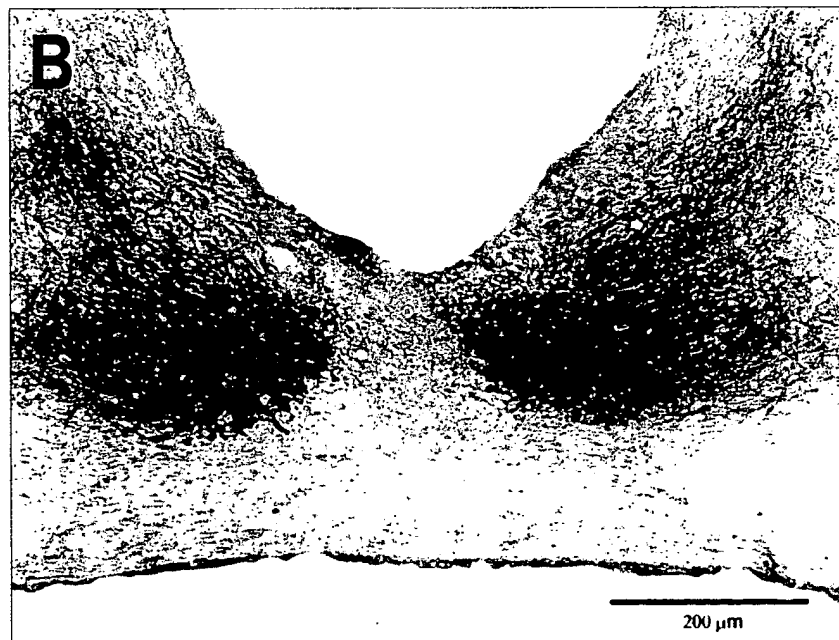
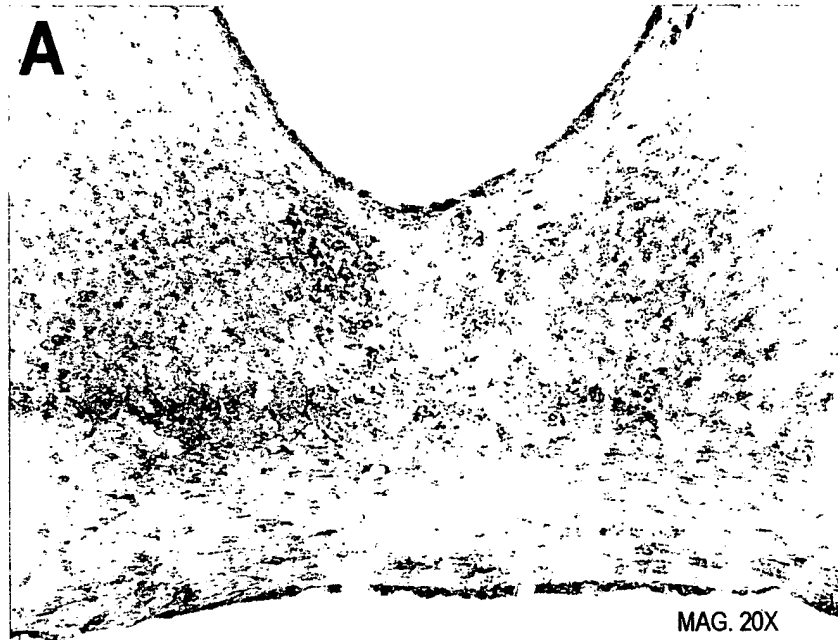


Figure 12

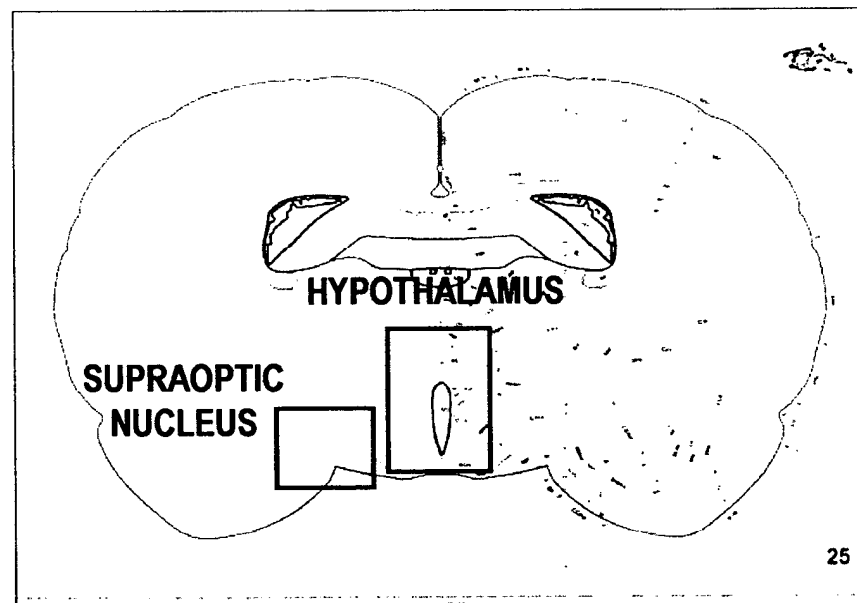
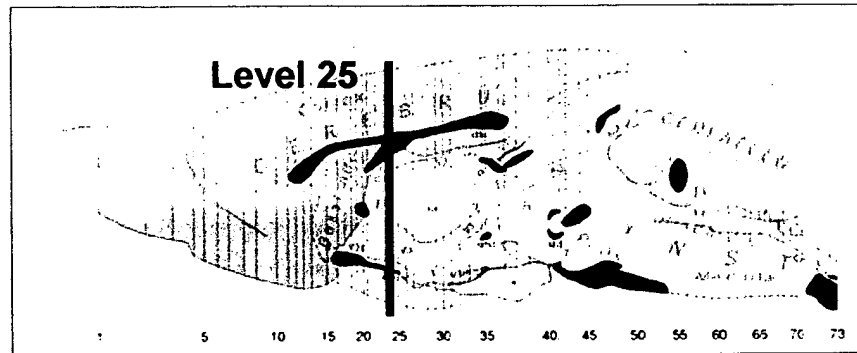


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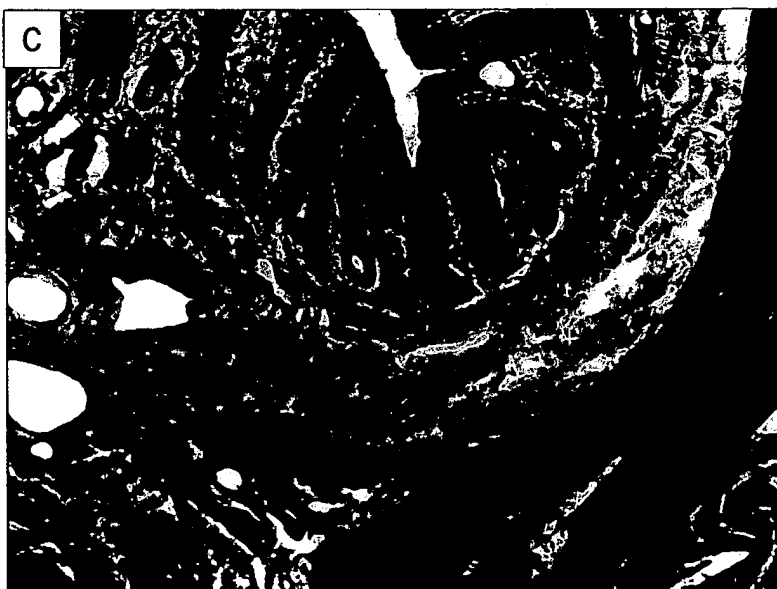
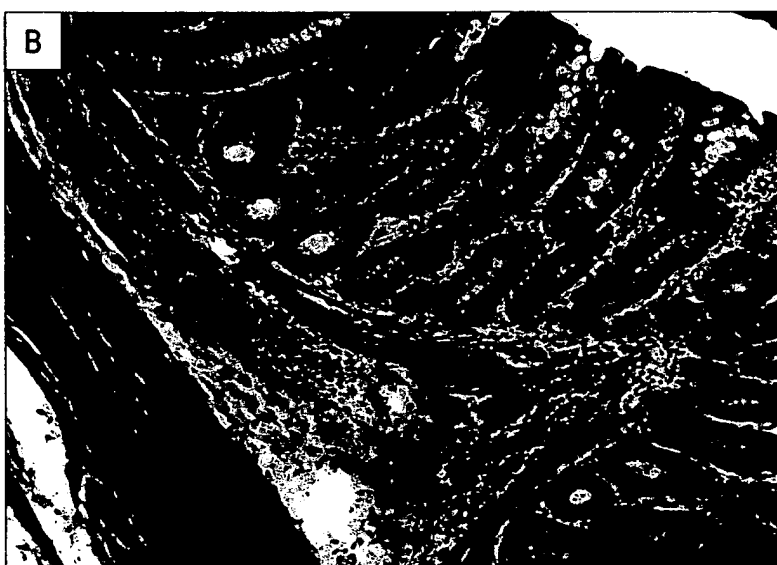
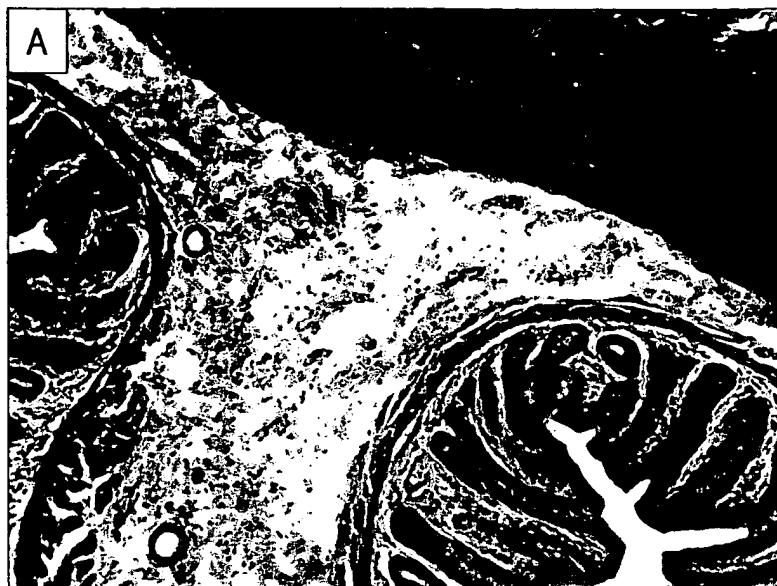


Figure 20

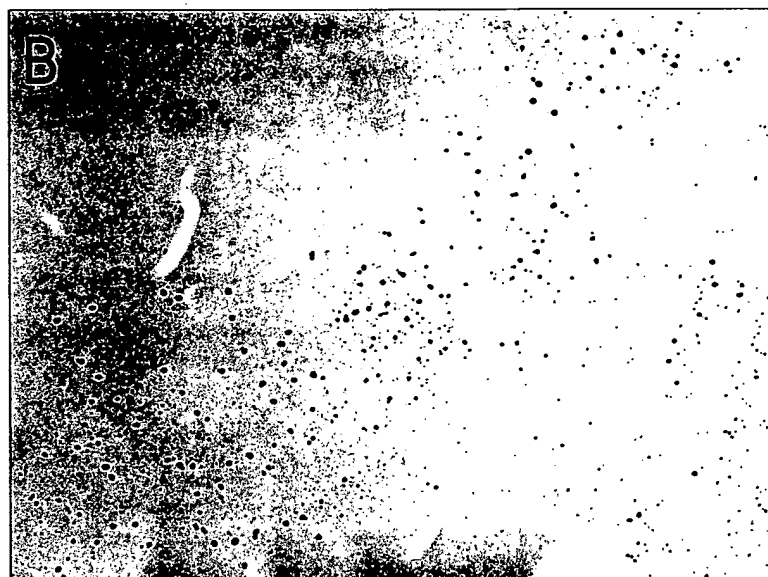
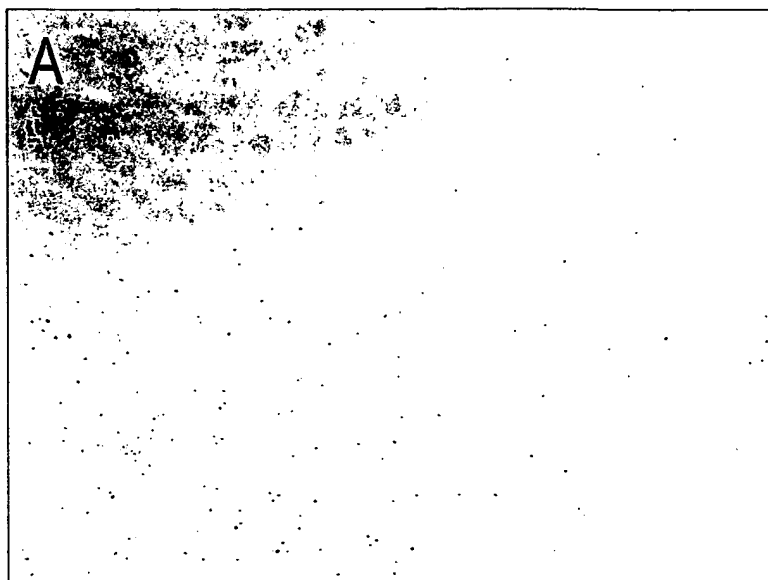


Figure 21

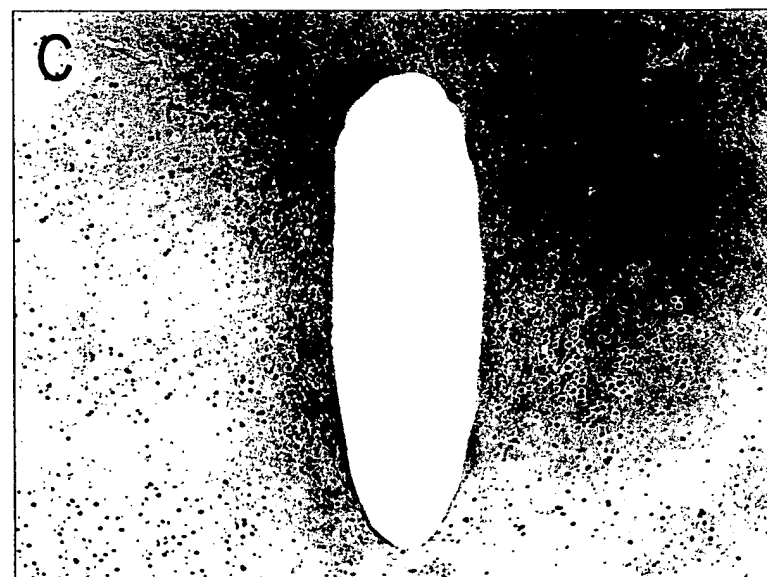
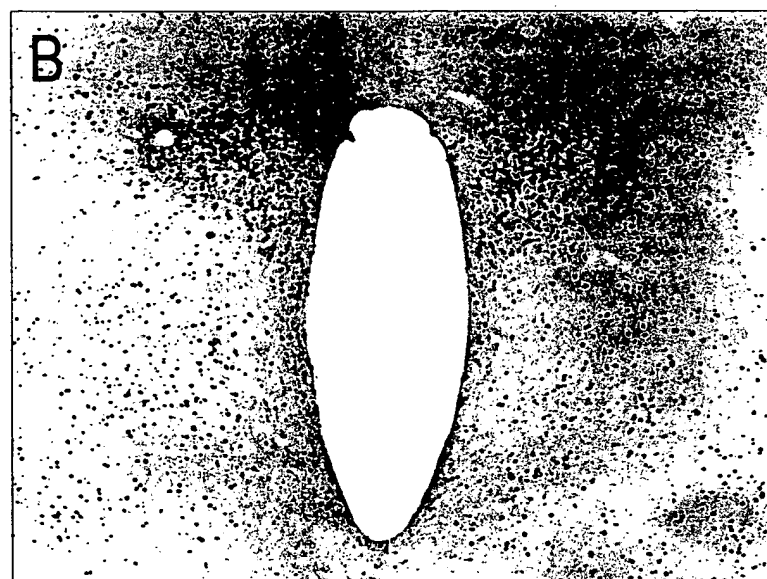
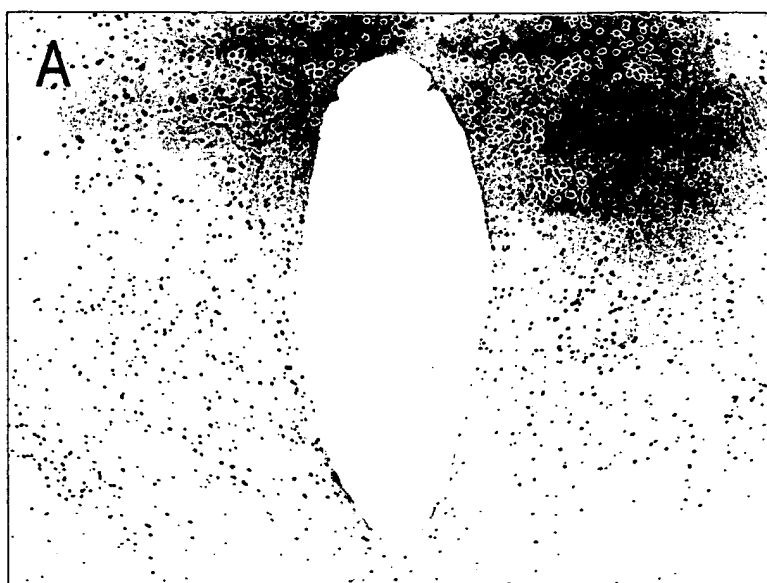


Figure 22

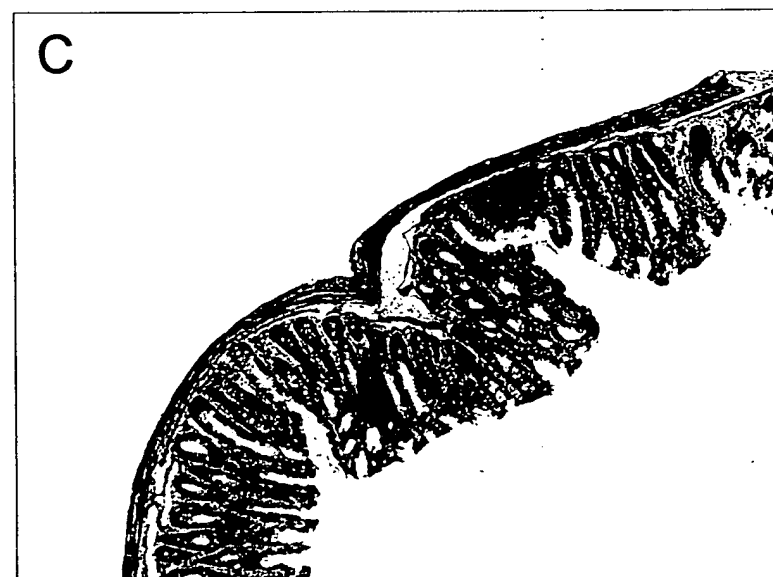


Figure 23

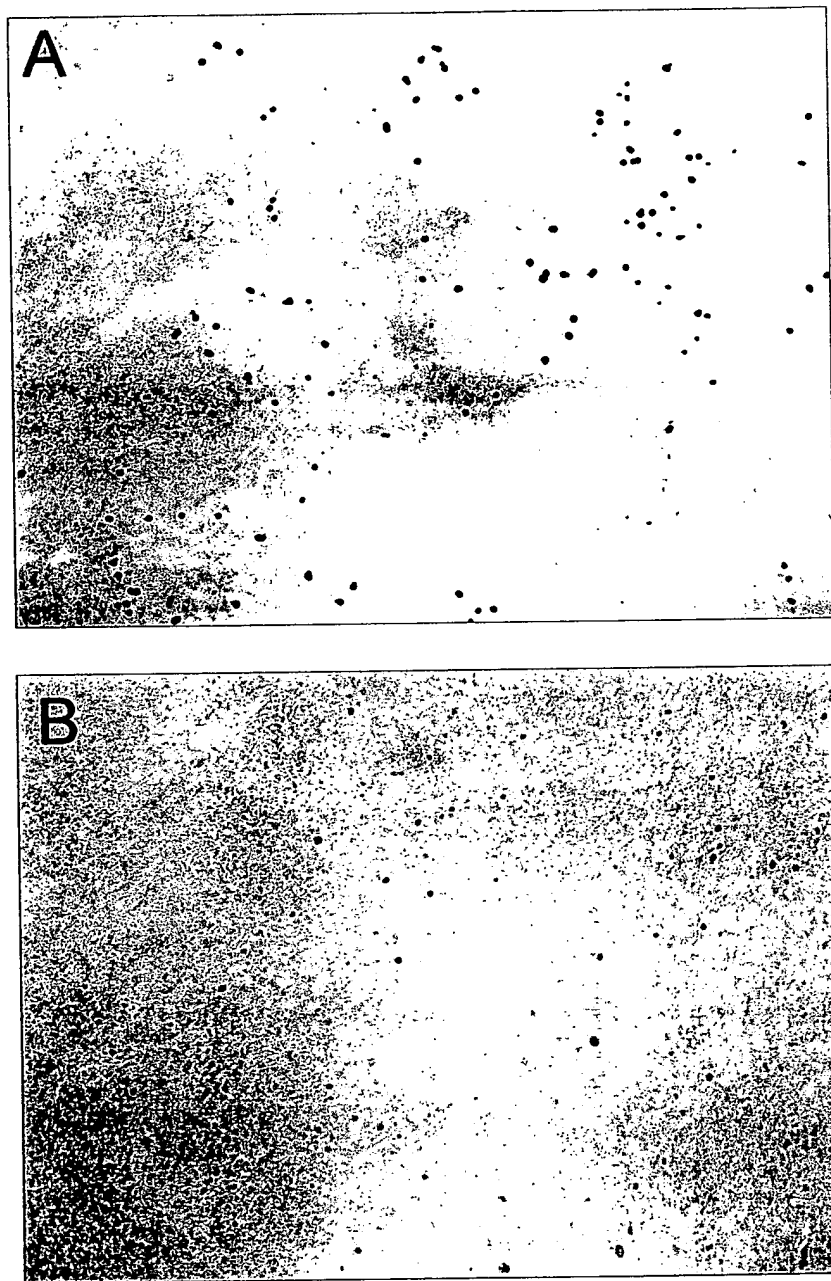


Figure 24

A

Mag. 4X

B



Figure 25

A



B



Figure 26

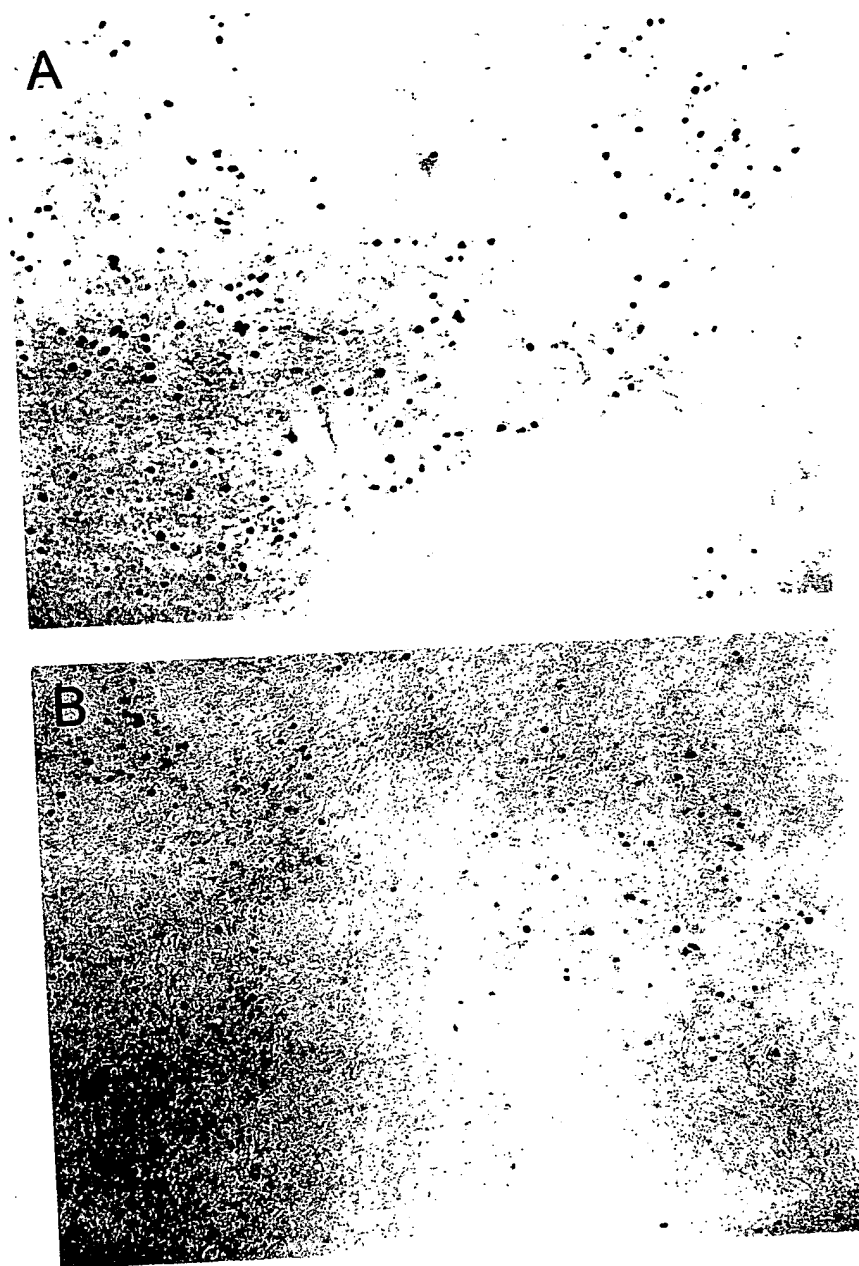


Figure 27



Central Amygdala (10x) - IBD Untreated



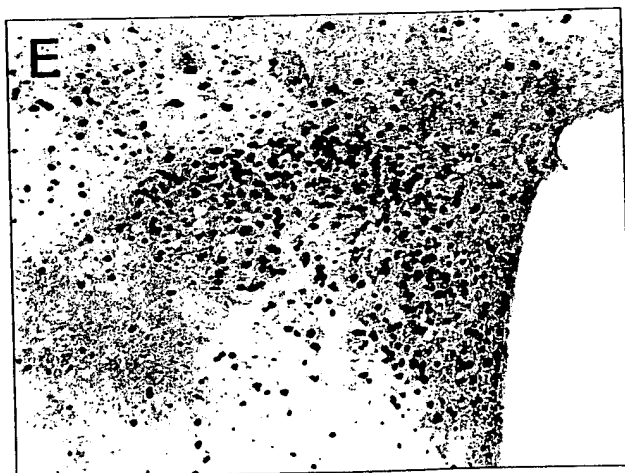
Central Amygdala (10x) - IBD VIP & Oxytocin Treated



Somatosensory area (4x) - IBD Untreated



Somatosensory area (4x) - IBD VIP & Oxytocin Treated



Paraventricular Hypothalamus (10x) - IBD Untreated



Paraventricular Hypothalamus (10x) - IBD VIP & Oxytocin Treated

Figure 28

